Press 2/17

G. R. S. IX-5]

Previous references.

File No. 122 – 15

Serial Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9

1917

(~~Transfer~~ San.)

Later references.

Sany 114-18(122)

GENERAL AND REVENUE SECRETARIAT.

---

4 *Serial Nos.* 1 – 9.

Part B for Aug 17

SUBJECT.

Sanitary Survey.

No 1343 D/ 28.8.17 To the Sany Commr

States that the D.C may Conduct the Survey in Consultation with the Sany Commr.

W/S. 13.9.17

W D 68—GPB—50,000—24-7-18

G. R. S. 11] 1915-16

GENERAL AND REVENUE SECRETARIAT.

(Sanitary)

NOTES.

File No. 122-18

FILE HEADING.

Sanitary Survey

From

No.	Dated	Received

Diary No.	Enclos.	Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First Sheet.

Programme of Important Work. (2

[illegible]. R. S. 12]

General and Revenue Secretariat.

San. File No. 122 of 1915-16

Serial No.

1 Letter No. 4040 dt 15-4-1916 from the Sanitary Comnr. with the Government.

In reply to No. 149-160/6+D dt 27-3-16 Re the subject in Memorandum of Important Subjects viz:-

(1) Improvement of Vital Statistics,

(2) Sanitary Survey of a typical city, town and village

and (3) Preparation of a Sanitary Manual with a leaflet of essentials:-

2 States that the subjects (1) & (3) have been already dealt with i.e., (1) by the issue of G.O. No. 6664-714 San. 71-15-3 & 10-3-16 on the improvement of registration of Vital Statistics, and (3) by the submission of a draft manual which is pending approval of Govt.

3 As to Sanitary Survey, suggests that the cities of Bangalore and Mysore and the town of Chikmagalur and a typical village in Shimoga dt ~~may be chosen~~ would be selected and the work would be based on the following outlines—

(1) General Diseases Survey,

(2) Survey of diseases due to particular occupations

(3) Malarial Survey,

(4) Tuberculosis Survey,

(5) Congestion Survey,

(6) Survey of existing sources of water supply,

(7) A detailed drainage survey,

(8) Survey of conservancy & proximity of ~~pits to wells~~ wells to pits

(9) Survey relating to food-stuffs

(10) Survey of condition in & quality of articles sold from Bakeries

NOTE—Contn. sheet.

GPB—20,000—30-6-15.

P.T.O.

Programme of Important Work.

General and Revenue Secretariat. Can. File No. 122 of 1915-16

Serial No.	
	States that if the above suggestions are approved, detailed proposals including programmes of work and procedure will be obtained and submitted for sanction.
	Submitted for orders.
	Sanitary Engineer's opinion of the Sanitary manual is deferred for the following reasons:-
	The order relating to the Health Department is printed as an appendix to the "Draft Programme of the public Health Dept". As the question of re-organisation of the public Health Department is under consideration of Govt. there may be some change in the existing order. The rules relating to the duties of the Central Sanitary Board are also under consideration of Govt. This will have to be incorporated in the manual also the rules relating to the prevention of Epidemics this is done from the Sanitary Board.
Work attempted so far	Sanitary Survey work.
Bangalore Malarial Survey	(1) S. The President, Bangalore city Municipal Council requests sanction to the Municipal Council's proposal to adopt measures for the investigation of Malaria in the city. A temporary establishment costing Rs 84/- per mensem, with a contingent expenditure of Rs 992/- per annum was sanctioned for a period of one year

Govt. Order No. 3278-9 dated 23.10.14

NOTE—Contn. sheet.

Serial No.

The report that the work was started in November 1914. The President has accorded sanction for the retention of the staff till the end of June 1916. Information is not available as to the work done by the establishment.

Mysore anti-mosquito Campaign.

6 In the Bangalore city sanction was accorded in the end of December 1915 to the entertainment of an overseer on Rs 15 and 6 coolies at Rs 7/- each, per mensem, to conduct anti-mosquito work in the city. The President has also been pleased to sanction to the retention of the staff till the end of the current official year. The work done by the staff during the Calendar year 1915 is as noted below:-

Number of wells covered to abate mosquito nuisance	144
No of wells and other places examined	3002
No of leaflets distributed to educate the public	3825
No of samples of water containing mosquito larvae observed	2324

Malarial disease Survey.

In November 1915, the Deputy Commissioner & Chairmen of the Malnad Improvement Committees have been requested to give a trial in the matter of "Disease Survey" in the Malnad.

(San 122-14)

A draft approving of the preliminary suggestions of the Sanitary Commissioner as to the

NOTE—Contn. sheet.

GPB—20,000—30-6-15

(5-

G. R. S. 12]

General and Revenue Secretariat. San. File No. 122 of 1915-16

Serial No.

Conduct of Sanitary Surveys is submitted.

24/4

25/4 In order to Complete such a survey as the one proposed, it is necessary to study the sanitary Condition of all places of public resort (both of business or pleasure) e.g. Schools public offices, markets & bazaars, Theatres etc: the need for such study is evident from the fact that one unsanitary or unlicked place of public resort is a potential source of infection for a whole City or district, while an unsuspected private building will be a source of nuisance only to the immediate neighbourhood

Rm 25/4/16.

Revised

Extracted Minutes } MT 3/5/16

Rm 8/5

10) Draft approved by E & M.
6. 5. 16.

11) Rm 8/5.

G + D. Clerk
Make a note of this
Rm 8/5 Noted

NOTE—Contn. sheet

GPD—50,000—17-12-15

G. R. S. 12]

General and Revenue Secretariat. Sec. File No. 122 of 1915-16

Serial No.	
2	12) To the Sanitary Commissioner. The Presidents of Bangalore & Mysore City Mnl. Comrs. The Deputy Commissioners of Districts. Lyo. No. 8370-80 dated 15-5-16. Approves the suggestions of the Sany Comr. contained in Sl. 1 with a remark and calls for detailed proposals including programmes of work and procedure.
3	13) From the Sanitary Commissioner, No. S.C 1778 dt 25/4 Forwards a memo drawn up on the subject by the Dy Sanitary Commr at the study of the detailed plan of work pursued by each office and suggests that a Committee consisting of the Sanitary Commr, the Dy Sanitary Commr, the Health Officers of Bangalore & Mysore and the District Sanitary Officers of Chitradurga & Kadur may be asked to consider the subject in detail. 14 The proposal involves an additional expenditure in the shape of hinding allowances, which cannot be helped - Submitted for orders 3.10.16 4/10 15 Draft approving of the Sanitary Commr's suggestion is submitted for Appl. —
	16 The Sanitary Commr might have convened the proposed meeting of his subordinate Officers at Bangalore

111

NOTE—Contn. sheet

G. R. S. 12]

General and Revenue Secretariat.

File No. 122 of 1915-16

Serial No.

details without any sanction. —

7) It has taken from many Depts to appeal for sanction to form a Committee

7/10-16

Extraordinary Members

8 Draft approved by the Extraordinary member.

11. 10. 16.

14.10.16

14. 10. 16

4. 9 To. The Secy Comm. in Mysore
The Comptroller, Mly
No. 2482-3 dy 20. 10. 16

Approves of the recommendation contained in Sl No 3 with the direction that the Secy Comm. will be the President of the Committee

5 From the president, city Municipal Council, Mysore
No 70 dated 2. 10. 16

Forwards a copy of the from the Secretary Mysore city, addressed to the Secy to Govt in the matter of Conducting Sanitary Survey in the Mysore city.

2) The Committee's report on the matter will be awaited.

26.10.16

30.10.16

NOTE—Contn. sheet.

G. R. S. 12]

General and Revenue Secretariat.

San File No. 122 of 1915-16

Serial No.

62 Letter no: G C 177-18 & 5.2.17 from the Sanitary Commissioner.

Submits for orders a memorandum embodying the conclusions arrived at at the meeting held on 29.1.17 by the Committee appointed for discussing details in connection with the proposed Sanitary Survey of certain selected areas.

23 The survey is proposed to be carried simultaneously in all the places, viz, Bangalore city, Mysore city, Kolar Gold fields town and the village of Honganur in the Shimoga District. The cost of the establishment is Rs 2747/- per mensem, or Rs 32964 per annum. The lines on which the survey is to be conducted is indicated in Sections IV & V of the memo. The Committee proposes that the inspecting officer should be empowered by legislation to enter any house, at any time between 6 A.M. & 6 P.M, to examine inmates or to require the Municipal Councillors to accompany the officer conducting the survey.

24. Submitted for orders. Para II to be considered as the principal matter for additional expenditure. Also Para. III

Para II 24/2-17

16.2.17

17/2

NOTE—Contn. sheet.

GPB—70,000—17-12-15

FD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat.

File No. /22 of 1915-16

9

Serial No.

H.O. 1897.

Fl. no: 2355-16

Subd. 25
3.3.17.

The bulk of the expenditure also incurred will be in Bangalore & Mysore cities - The President of the Mysore Sanit. Bd has agreed to bear the sanitary survey work if a small establishment is given to help the Health officer in it - seems fair that. The 2 municipal councils should be asked to contribute at least a moiety of the expenditure also incurred in their behalf - The President might be consulted - In the meantime if the administrative dept assures that the scheme will be finally worked out and Standing with the sanction of Govt early during the next official year a lump provision might be made in the budget.

Orders 20000.

Fl dept)

8-3-17

It is too late to include any more grants in the budget - If the advance Branch considers the work important and can finance it from the liberal grants included in the budget for 1917-18 there would be no prob. Sgd. M

8/4 16/4/17

M.A. 11/4

NOTE—Contn. sheet.

Nov IV)

G. R. S. 12]

10

General and Revenue Secretariat.

In File No. 122 of 1915, 16

Serial No.

27 Submitted for orders, with the financial legislation.

11.4.17 14.4.17

28 There is an allotment of 1½ lacs in the provisional budget of 1917-18 for San[t] Dupts:— The San[t] Cr. has asked for 2 lacs for preparation of projects in consultation with Municipalities on this is to be separately ordered.—

Extraordinary Member 14/4-17

29 The Sanitary Commissioner may be asked to send a copy of the memorandum to each of the Municipal Councils of Mysore, Bangalore and Chickmagalur and also the District Board and the Malnad Improvement Committee, Shimoga, and obtain their opinion in regard to the proposal made and forward the same to Government with his remarks He may also be asked how he proposes to meet the cost of the scheme

30 It would perhaps not be justifiable to appropriate any portion of the provision of 1½ lakhs

Branch is not aware of any information on the above points.

13.4.17

NOTE—Contn. sheet.

GPB—70,000—17-12-15

WD 1233—GPB—60,000—1-12-16—S.

Serial No.

referred to in the Assistant Secretary's note above to meet the cost of making a survey in the cities of Mysore and Bangalore as funds are separately provided for the improvement of these cities.

24.4.17.

25.4.17

Draft submitted

25.4.17 27/4/17

26 To the Sanitary Commissioner

7. 31 No 6926 dt 14th May 17

With ref to sl. 6. requests to send a copy of the memorandum to each of the Mc Councils of Mysore, Bangalore, Chickmagalur also the Dist Board & the M. C. Shimoga and obtain their opinions in regard to the scheme & submit the same to the Govt with his remarks and also to intimate the source from which the cost of the scheme is to be met.

8. 32 From the Sanitary Commissioner, No 4-C65-49 dt 11.8.17 States that a copy of the memo was forwarded to the officers referred to in sl. No 7 and suggests that the survey for the present may be confined to the Mysore city and to the Gajjanur village in the Shimoga district, the cost in the former case being met from the city Improvement Trust Board and in the latter out of the Malnad

NOTE—Contn. sheet.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

12

General and Revenue Secretariat.

Sm File No. /22 of 1915-16

Serial No.

Improvement grant for the Shimoga Dt.
Submitted for orders.

18.8.17

33) The Sanitary Commr in his present proposal has not clearly indicated what would be the cost of a Sanitary Survey in Mysore city and what establishment would be necessary for this purpose. Gajanur being a small village, an elaborate establishment would not perhaps be necessary in this case. Information as regards establishment, cost &c may be called for from the Sanitary Commr in both cases.

21-8-17

2nd Member)

195
21.8.17

34) Is none of the Local Bodies are willing to undertake the Survey except Mr? Then the Collr may be called to hold a Survey in consultation with P C

Draft submitted

23.8.17

I shall
25/8

NOTE—Contn. sheet.

WD 1238—GPB—60,000—1-12-16—S.

G.R.S. III-2]

General and Revenue Secretariat.

San File No. 122 of 1915-6.

Serial No.	
9.	To The Sanitary Commissioner N 1343 & 28.8.17 with ref. to Sl: 8 points out that none of the Local Bodies are willing to bear the cost of the Survey except the M.C. Shimoga dist, and the Sani. Committee may accordingly be asked to conduct the Survey in consultation with the Sany Comr. To The Deputy Commissioner & Chairman M.I. Committee, Shimoga District. For No 1344 & 28.8.17 Forwards a copy of the above.

NOTE—Contn. sheet.

D3769

Office of the Sanitary Commissioner
with the Govt. of Mysore,

No 4040

Dated, Bangalore, 15th April 1916.

Sanitary 122-15-1.

From

Rajakarya Pravina Rao Bahadur
T.V. Arumugum Mudaliar Esq., M.B.C.M.,
Sanitary Commissioner with the Govt. of
H.H. the Maharaja of Mysore, Bangalore.

Rec 2/64 D 17/4/16.

To

D.M. Narasinga Rao Esq., B.A., B.L.,
Secretary to the Government of H.H. the
Maharaja of Mysore, Genl Deptt., Bangalore.

Sir,

In reply to your letter No.149-160 / O & D dated the 27th ultimo, forwarding a list of subjects, as noted on the margin, to be worked up during the Dasara year beginning with 1st November 1916, I have the honor to invite reference to Government Order No.6664-714/San 71-15-3 dated the 10th March 1916, passing orders on the improvement of the registration of vital statistics in the State. In regard to the Sanitary Manual a draft Manual already submitted (vide correspondence ending with this office letter No.3438 dated the 27th January 1915) is pending approval of Government.

1. Improvement of Vital Statistics
2. A Sanitary Survey of a typical city, town & village.
3. Preparation of a Sanitary Manual with a leaflet of essentials.

2. As to Sanitary Survey, I would select the Bangalore and Mysore Cities, the town of Chickmagalur, and a typical village in the Shimoga District to be chosen by the District Sanitary Officer - The following is an outline of the way in which the survey, if it is to be of any practical use, has to be conducted :-

(1) general disease survey - based on verified vital statistics and, if possible, on the medical examination of every resident in the area, endeavour being made to scientifically link, cause and effect by a careful and detailed study of the Sanitary condition of the dwellings and of the neighbourhood.

(2)

GPB—50,000—26-4-15

17/4/16 19

4/4

From The Sanitary Commissioner in Mysore

To The Secretary to Govt General Department Bangalore

Dated 15 APR 1916

Despatched

Received

General No. V 4040

No.

Enclosure No.

Submitting for approval certain suggestions as to the Conduct of Sanitary Survey

(2) survey of diseases due to particular occupations.

(3) malarial survey including determination of actual and potential breeding places of Anopheline Mosquitoes.

(4) tuberculosis survey.

(5) congestion survey - that is, whether the accepted standard of the cubic space required per individual is available in dwelling houses, and of conditions in regard to ventilation.

(6) survey of the existing sources of water supply, the adequacy of supply and the fitness of the water available for potable purposes.

(7) a detailed drainage survey - with an eye to immediate practical remedy.

(8) survey of conservancy and proximity of wells to pits.

(9) survey relating to food stuffs cooked & uncooked exposed or hawked for sale e.g., cereals, vegetables, fruits, ghee &c., and milk, curds, beverages &c., and

(10) survey of condition in and quality of articles sold in or issued from bakeries, eating houses, aerated factories &c.

3. It must be said that the above items are by no means distinct each by itself but naturally dovetail into one another. The survey should be very carefully conducted by the local Sanitary or Health Officer, with the assistance of a small staff which will vary according to the requirements of each of the places selected. The most important essentials, however, are that a definite and detailed programme of the lines of investigation should be made out and that the result of each day's work and study should be exhaustively recorded. The Sanitary Commissioner, and through him the Government, should be kept informed of the progress made from time to time.

4. If these suggestions meet with the approval of Government, I shall obtain and submit, for sanction detailed proposals including programmes of work and of procedure.

I have the honor to be,
Sir,
Your most obedient servant,

Personal Assistant
to the Senior Surgeon in Mysore
for Sanitary Commissioner-Mysore Govt
(Absent from station).

Encl 6 Sl 1 3)

Letter No 149-160/G.& D. dated the25th March 1916 from the General Secretary to Government to the Heads of Departments and Secretaries to Government.

I am directed to forward herewith, for your information and guidance, Government Memorandum, dated the 6th January 1916, prescribing a programme of important work to be done during the Dasara year beginning with 1st November 1915.

3. A list of the subjects which have been allotted to you under paragraph 8 (a) of the Memorandum, to be worked up in the manner indicated in paragraph 8 is sent herewith.

5. Every Head of a Department is requested to prepare a statement of officers under his control and distribute among them for special study --

(i) subjects of general or special interest pertaining to the work of the department, and

(ii) large local departmental questions which require working up to advance the interests of the department or the State as a whole.

4. I am to request that a statement in the accompanying form may be prepared showing the names of officers who are willing to specialise or to undertake the study of large departmental questions, and forwarded for the information of Government before the 16th May 1916. In the first year, Government would be quite satisfied if at least one-fourth of the number of officers in your department take up subjects for study in the manner suggested. The object is to train officers in the technique of the department and generally to raise the level of knowledge of the work of the department among them.

5. All communications on these subjects may be addressed as usua to the Secretary to Government in the department concerned. Copies of important communications may be simultaneously forwarded to the Secretary to the Government in the General Department to enable him to follow progress on the programme as a whole.

6. The directions contained in paragraph 8 of the Memorandum will also apply to all subjects selected and distributed by you in accordance with paragraphs 3 and 4 above.

*COPY

G.R.S. 28]

File No.

Serial No. 2

Diary No. of letter replied to 3769

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.
(Sanitary)

the 191

READ—

Letter No. 6040 dated the 15 April 1916, from the Sanitary Commr suggesting that the cities of Bangalore Mysore and the town of Shikarpur and a typical village in the

Date of issue 15.5.16

Signed by Mr. A. V. Ramanathan

ORDER THEREON.—No.

Shimoga District may be selected for conducting this Sanitary Survey and the work based on the following outlines.—

over.

SUBJECT.

GPB—50,000—1-12-12

b)

(1) General disease survey

2) Survey of diseases due to particular occupations.

3) Malarial survey including determination of actual & potential breeding places of Anopheline mosquitoes

(4) Tuberculosis survey

(5) Congestion survey

(6) Survey of existing sources of water supply

(7) & detailed drainage survey.

(8) Survey of conservancy & privy of wells & wells

(9) Survey of relation to food supplies Cowkeepers, dairies, exhibition or hawkers for sale

(10) Survey of condition in and quality of articles sold in or issuing from bakeries.

Order 8370-80 San 122-15-2 9/15.5.16

The suggestions made by the Sanitary Inspectors are approved. The Council is prepared to have detailed proposals including programmes of work and procedure submitted for orders of Govt. with the remark that information regarding the sanitary condition of public places of resort in connection with business or pleasure should also be collected & studied.

Dixon
6.5.16.

8/5/16

Secretary to Govt
7/5/16
Home Dept

The Sanitary Inspectors
Presidents of the City
Municipal Councils
Municipalities of Ranchi & Hazaribagh
Dy Commrs of Orissa

Copy to G + D - Secy

D 6073

Office of the Sanitary Commissioner with the Government of Mysore,

No. G.C 177 Revl Dated, Bangalore, the 23-28 September 1918.

7.No/122-15-3

From

Rao Bahadur Rajakarya Pravina
T.V.Arumugum Mudaliar, Esq., M.B.C.M.,
Sanitary Commissioner with the Govt of
H.H. the Maharaja of Mysore, Bangalore.

To

D.M.Narasinga Rao, Esq., B.A., B.L.,
Secretary to the Govt of H.H. the
Maharaja of Mysore, Genl Dept.,
Bangalore.

Sir,

With reference to para 2 of Government Order No. 8370-80/San.122-15-2 dated the 15th May last asking me to submit programmes of work and procedure in connection with the Sanitary Survey to be conducted in certain selected areas, I have the honor to forward herewith a memorandum drawn up on the subject by the Deputy Sanitary Commissioner on a study of the detailed plans of work proposed by each of the Officers concerned. I agree with the Deputy Sanitary Commissioner in the opinion that with a view to remove possible misconceptions and prevent vitiation in the results of work later, a Committee consisting of the Sanitary Commissioner, the Deputy Sanitary Commissioner, the Health Officers of Bangalore and Mysore, and the District Sanitary Officers of Shimoga and Kadur should meet and discuss details. If this proposal is sanctioned I shall have the meeting convened and submit a final report as to the procedure and requirements.

I have the honor to be,
Sir,
Your most obedient servant,

T.V. Arumugum

Sanitary Commissioner.

GPB—50,000—26-4-15

19

From The Sanitary Commissioner to Govt Mysore

To The Secretary to Govt Genl Depts Bangalore

25 SEP 1916

Secy

Dated 3.9.16

Despatched

Received

~~General~~ No. G.C 177

No.

Enclosure No. One

Submitting with remarks Copy of the memorandum drawn up by the Deputy Sanitary Commissioner on the subject of the Sanitary Survey to be conducted in certain selected areas.

Encl 6 Sl 3. 87

Memorandum by the Deputy Sanitary Commissioner.

In the House Inspection register proposed by the Health Officer, Mysore City, the conception of the disease survey is practically narrowed to tuberculosis and malaria the other diseases including occupational diseases being left out of consideration. The Mysore Health Officer says that he cannot give any idea of the time that may be taken to complete the work. But a fair estimate may be made on the basis of population of Mysore City and the extra medical staff proposed by the Health Officer.

The population of Mysore is about 71,000. It is impossible for one medical man or woman working 8 hours a day from 7 to 11 A.M. and 2 to 6 P.M. to examine more than 100 persons and get all the other information included in the scheme under consideration. If female and female sub-assistant surgeons are employed on the survey work, 600 people can be examined in a day and it would take 118 days or say 4 months to examine the whole population of the city Allowing for all unforeseen delays and the time required to draw up a report, 6 months' time may be considered as sufficient for a complete survey of the kind proposed.

The Health Officer of Bangalore City is of opinion that general disease survey and the survey of occupational diseases can be made by a study of the death returns for a period. It appears as if he has not grasped the fact that a survey of living persons suffering from various diseases is what is intended by the Government. A sort of a malarial survey of Bangalore City is being done by one Sub-Assistant Surgeon and it will take a very long time before he can complete it by himself. The Tuberculosis survey is pronounced to be impracticable but no reasons are given. If a sufficient number of medical men and women are employed, this can be done as a part of the

disease

disease survey. Items 5 && to 10 can also be dealt with, by the extra staff to be appointed. The Health Officer proposes the appointment of 5 more sub-registrars to cope with the extra work. But as these men are not qualified to diagnose diseases, it is impossible to carry out the Disease Survey without the help of medical men and women. As Bangalore has a population of about 89,000, it requires a staff of at least 8 male and female sub-assistant surgeons to carry out the work in about the same time as in Mysore.

The appointment of 2 clerks for Mysore and two for Bangalore for compiling the statistics and an orderly for each of the sub-assistant surgeons is necessary.

There are many minor points to be considered in launching out the scheme to thresh out the question from all points of view, to remove misconceptions regarding the scope of the survey and to give the workers a proper idea of the subject. I am of opinion that a committee should be appointed with the Sanitary Commissioner as President and the Deputy Sanitary Commissioner and the Health Officers of Mysore and Bangalore as members to discuss the question. All details can be settled and when the Government sanctions the extra staff needed, the work can be commenced at once.

The orders of the Government on the subject of collection and study of information regarding the sanitary condition of places of public resort in connection with business or pleasure, can also be carried out when the extra staff required is sanctioned.

"Copy"

D. Arunachalam

Sanitary Commissioner.

G.R.S. 28]

File No. 122-15

Serial No. 4

Diary No. of letter replied to _____

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.

( )

, the 191

Date of issue 21.10.16.

Signed by Mr P. Nishadayya

READ—

Letter No. Ge 177 dated 23rd Sept 1916 from the Sanitary Commr in Mysore suggesting with reference to para 2 of G.O. No 8370-80/Sec 122-15-2 ~~ORDER THEREON.—No.~~ dt 15th May 1916 calling a programme for ~~preparation~~ of work the procedure which will be adopted in connection with the Sanitary Survey of certain selected areas the undertaking whereof

over.

SUBJECT.

11)

it is desirable that
the Committee consisting of the
Sanitary Comm^r, the ~~Dy~~ Deputy
Sanitary Comm^r, the Health
Officers of Bangalore & Mysore
& the Dist^t Sanitary officers of
Shimoga & Kadur should
meet & discuss details regarding
procedure & requirements
in connection with the work.

Order No 82-3 San. 122-15 Dt 20.10.16.

The suggestion of the
Sanitary Comm^r is approved.

The San^y Comm^r will
be the President of the Committee
* The Report should be laid
as early as possible for the
information of Govt.

11.10.16.

H. E. Lee

To The San^y Comm^r
w Compliments

12/

D 1114

7.122/122-15-5

No. 70

THE CITY MUNICIPAL OFFICE, MYSORE,
Dated 2nd October *191* 6.

From T. G. Lukshmana Rao, Esquire., L. C. E.,
President, City Municipal Council,
Mysore.

To D.M. Narasinga Rao, Esquire., B. A., B. L.,
Secretary to the Govt. of Mysore,
General ~~Revenue~~ *Department.*
Bangalore.

SIR,

With reference to para 2 of Government Order No. 8370-80/San. 122-15-2 dated the 15th May 1916 calling for detailed proposals including programme of work for conducting Sanitary Survey in the Mysore City, I have the honour to - forward a copy of Health Officer's letter No. 35 dated the 5th August 1916 addressed to the Sanitary Commissioner wherein he suggests a form for a register to be opened for the collection of the information and represents the necessity of employing 4 Sub-Assistant Surgeons and two Lady Sub-Assistant Surgeons to d the work.

2. If the Sanitary Commissioner approves of the above suggestions, the work will be started.

I have the honour to be,

Sir,

Your most obedient servant,

T Luk Nmana Rao

President.

MRV.

7 Ins 122-17 (Dm 1073)

1916

IV
± OCT 1916

From

J&S *President, City Muni. Council, Mysore.*

To

J&C *Secy. to Govt. of Mysore, Genl. ~~Rev~~. Dept.*

Dated
Despatched } 2nd October 1916.
Received

General No. 70
No.

Enclosure No. Two

Forwarding a copy of letter No 358 5·8·16 to the address of the Sanitary Commissioner, Suggesting a formula, for Conducting a Sanitary Survey in the city.

Encl 6 to 5 13)

Letter No. 35 dated 5th August 1916,

from the Health Officer, Mysore City, to the Sanitary Commission-er, with the Government of His Highness the Maharaja of Mysore, Bangalore.

Sir,

With reference to the correspondence ending with your letter No. G.C. 34-2, dated the 13th July 1916, addressed to the President, City Municipal Council, Mysore requesting to furnish with a programme of work and procedure for conducting a sanitary survey in this City as directed by the Government in their Proceedings No. 8370/80San.122-15-2, dated the 15th May 1916, I have the honour to inform that the annexed is the house to house inspection register containing different headings to collect statistics and information to draw up a disease and Sanitary survey of the City as desired by the Government.

As for items 5, 7, 9 and 10 description will be attached according to the divisions of the City.

It will be seen, that to gather the sanitary co condition of the houses and the Medical Inspection of the inmates, at least 4 Sub-Assistant Surgeons and 2 Lady Sub-Assistant Surgeons are required to medically examine inmates of the houses and to examine microspopically sputum and blood collec-ted in their rounds.

I cannot give any idea for the present the time that will be taken to finish the disease and sanitary survey; it all depends on how many houses they can do in a day in addition to their microscopic work under my supervision.

Each medical subordinate requires at least a

a peon to go about with him and a special staff consisting of a clerk to summarise, and fair copy all the particulars in the Register in the office.

The staff required is as under:-

Four Sub-Assistant Surgeons with allowance to be fixed by the Sanitary Commissipner.

Two Lady Sub-Assistant Surgeons to examine Ladies particularly who observe Gosha and prefer Lady Doctors.

Six orderlies on Rs. 7/- each.

One Clerk on Rs. 20/-.

One Attender on Rs. 12/- to attend to Microscopic work.

(Contingencies and unforeseen charges Rs.10/- per mensem.

I have the honour to be,

Sir,

Your most obedient servant,

Sd/- A. K. Pani,

Health Officer.

Memo No. 164 dated 8th August 1916.

"COPY" Forwarded to the President, City Municipal Council, Mysore for favour of information, with reference to his Memo No. 78 dated 26th July 1916.

8/8/1916.

Sd/- A.K.Pani.
Health Officer,

"COPY"

Lakshmanarao

2nd September 1916.

President.

MRV.

Statement Showing the House to House Inspection Register

Serial Number	Street	Door Number	Name of owner or occupier	Description of the House	Occupation of People	No. of People in the House	Any Consession in the House	No. Subject to Malaria: Spleen	No. Subject to Malaria: Anemia	No. Subject to Malaria: Parasites in Blood	Any anopheles breeding place in the premises or within ½ a Mile radius	No. Subject to Tuberculosis disease: Consumption	No. Subject to Tuberculosis disease: Glands	No. Subject to Tuberculosis disease: Joint	No. Subject to Tuberculosis disease: Spine	Water Supply: Public	Water Supply: Shallow	Water Supply: Deep	Any Source of Contamination in Private water Supply	Remarks.

(9)

Statement to be filled in by House to House Visitor Registrar

Street Number	Street	Door Number	Name of town or suburb	Description of House	Description of Yard	No. of Yards in the House	Any Connection in the House	Yr. Subject to Malaria			Any Anopheline Larvae present (Dispersing or with-in 1/2 mile radius)	Yr. Subject to Tuberculosis				Water Supply			Any Source of Contamination in Private water Supply	Remarks.
								Spleen	Anemia	Parasite in Blood		Consumption	Glands	Joint	Spine	Pulse	Shallow	Deep		

(6)

D 2459

No. G C 177-18 Office of the Sanitary Commissioner,
D. Two in Mysore,
Bangalore, Dated 5th February 1917.

San 122-15-S16.

From

Rajakarya Pravina Rao Bahadur
T. V. Arumugam Mudaliar, Esquire., M. B., C. M.,
Sanitary Commissioner in Mysore, Bangalore.

To

D. M. Narasinga Rao, Esquire., B. A., B. L.,
Secretary to the Government of H. H. the
Maharaja of Mysore, General Department,
B A N G A L O R E.

Sir,

In continuation of my letter No. G. C. 177-12 dated the 19th December 1916, I have the honor to submit herewith for the information and orders of Government a memorandum embodying the conclusions arrived at at the meeting held on the 29th - - ultimo to discuss details in connection with the proposed Sani -tary survey of certain selected areas.

I have the honor to be,
Sir,
Your most obedient servant,

T V Arumugam

Sanitary Commissioner.

GPB—50,000—26-4-15

GEN. & REV. I V Br

19 8 FEB 1917

From The Sanitary Commissioner in Mysore Bangalore

To The Secretary to Govt Genl. Dept Bangalore

Dated 5.2.1917

Despatched 7.2.1917.

Received

General No. G.C 177-18

No.

Enclosure No. 2.

Forwarding a memorandum embodying the Conclusions arrived at the meeting in Connection with the proposed Sanitary Survey of Certain Areas

Encl 1 to San 122-15 SC6.

M E M O R A N D U M.

A meeting to discuss the procedure and requirements in connection with the Sanitary Survey of certain selected areas was held in the Sanitary Commissioner's office, Grace Ville, at 2 P. M. on Monday the 29th January 1917. The following officers were present.

1. Rao Bahadur Dr. T. V. Arumugam Mudaliar-Sanitary Commissioner (In the chair)
2. Dr. M. Sreenivasa Rao, M. A., M.D., D.P.H., Director, Public Health Institute and Deputy Sanitary Commissioner
3. Mr. A. K. Pani, L. M. S., D. P. H., Health Officer, - Mysore City.
4. Mr. B.Krishna Rao, District Sanitary Officer, Kadur - district.
5. Mr. F. Fernandes, Health Officer, Bangalore City and
6. Mr. V. G. Srinivasapeidpet, District Sanitary Officer, Shimoga District.

II.

2. Government order No. 8370-80 San 122-15-2 dated the 15th May 1916 was read out and it was agreed that the list of surveys outlined was sufficiently exhaustive and needed no - addition of fresh items of work.

3. The members were of opinion that not more than 50 - persons could be examined by a Medical Officer every day. The population of Bangalore and Mysore cities and of Chickmagalur town aggregates 1,68,494; on this basis and in order that the survey may not be prolonged beyond a year, 10 Medical Officers will be required @@(5 of whom to be lady medical Officers)@@. These officers should posses the L. M and S. or the M. B. - qualification. The special establishment considered necessary for all places is as under:-

	Cost per mensem.
10 Medical Officers @ ₹150- special allowance of ₹50 - conveyance allowance of ₹30/-	2300/-
3 Draughtsmen on ₹30/- each. One of them(for Chickmagalur) getting a malnad allowance of rupees 10/-	100/-
5 clerks on ₹30/- each.	150/-
11 orderlies on ₹10/- each.	110/-
4 peons on ₹8 each.	32/-
One Sanitary Inspector for duty under the District Sanitary Officer, Shimoga ₹40-15 Malnad allowance.	55/-
Total.	2,747

or rupees 32,964 for the whole year.

(NOTE:- As the area to be surveyed by the District Sanitary officer, Shimoga District is only one village, the investigation is not likely to extend to one year. The special staff under him will therefore maintained only so long as it is absolutely necessary to do so.)

4. To the above should be added contingent expenses at ₹~~15~~ per mensem for all the places.

III.

5. All the officers except the District Sanitary Officer Shimoga, are in possession of microscopes with accessories. The following list of the appliances needed was passed :-

A microscope complete for the District Sanitary Officer, Shimoga.

Stethoscopes - 14 one for each of the Sanitary and Medical Officers.

Clenical thermometers- 14.

Urine testing apparatus 4.

Drawing instruments 4 sets.

IV.

6. For purposes of survey, the city or town should be divided into distinct areas, depending upon extent and population but, as nearly as possible, following the existing Municipal Divisions and wards. Sectional maps in duplicate one for each division or sub-division showing outlines -

outlines of houses, roads, lanes, open spaces, wells, pools, ponds and swamps should be carefully made out there being - different kinds of maps for malarial and tuberculosis surveys. The scale may be 60 or 66 feet to an inch.

V.

7. It was agreed that for recording the statistics and the general information collected, a house to house inspection register (in the annexed form) be opened and accurately - maintained. The officer in charge of the survey would of - course be at liberty to supplement this register with others intended to record Special information that at any stage of the enquiry may be found worth collecting. This applies also to the preparation of additional sectional maps, if necessary

VI.

8. It was proposed that the inspecting officer should be empowered by legislation to enter any house, at any time between 6 A. M. and 6 P. M., to examine inmates, (examination of women being always done by lady doctors), to draw blood or to take sputum etc, for microscopic examination and to put questions in regard to the health of any of the inmates. - While admitting the necessity for legislation on these lines, the members doubted the advisability of the measure They were of opinion that instead, the Government may be moved to request the munic pal councillors and heads of various committees to accompany the officer conducting the survey in his daily rounds till the people get thoroughly familiar with the objects of the survey - Viz the amelioration of their own health conditions. Any cases in which the influence of the local - gentlemen is found inoperative in getting the required information may be referred through the proper channel to Govern -ment for orders. But as a rule the Health or the Sanitary Officer should arrange to issue in good time a notice to the

Dra

the head of the family, specifying the objects and the scope of the survey, the appointed date and hour of examination and the nature and extent of cooperation the householder is expected to give. The printed form of notice proposed to be used should be previously approved by the Sanitary Commissioner.

VII.

The members were agreed that the survey should be carried out simultaneously in all the places now selected Viz. Bangalore City, Mysore City, Chickmagalur town and the village of Gajanur in the Shimoga District.

Sanitary Commissioner.

Dated 3rd Feb 1917.

ilary and disease Survey

Any anopheline breeding place in the premises or within a mile radius.	No. suspected to Tuberculous disease					Water supply			Any source of contamination in private water supply	Remarks
	Consumption	Skin & glands	Joints	Spine	Other kinds of disease	Public	Private	Springs	Brunn wells	

for Sanitary Commr.

Beginner's Handwriting Practice

Jane Doe

Mary Smith

John Q. Public

Sincerely yours,

Dear Sir,

Thank you for your letter of the 5th inst.

We are pleased to inform you that your order has been shipped.

Please find enclosed our check for $25.00.

Yours truly,

Respectfully submitted,

G. R. S. 26]

File No. 122-15

S 56-16

Serial No. 7

GEN. & REV. SECRETARIAT. TYPING Sec. 28 APR 1917

Diary No. of letter replied to 2459

No. 6926

Jan 12-2-1558

91.5.17

General and Revenue Secretariat (Sanitary) , *the* 191 ,.

To

The Sanitary Commissioner

Sir,

Date of issue 1.5.17

Signed by Mr B. D. Kesava Iyengar

With reference to your letter No. 4.C 177-16 dated the 5th February 1917 submitting a memorandum ~~embodying the conclusions~~ arrived at ~~the meeting held~~ by the Committee appointed for discussing details in connection ~~with~~ on the proposed Sanitary Survey of certain selected areas, I am directed to request you to be so good as to send a copy

over.

SUBJECT.

23)

of the memorandum ~~above referred~~ to, to each of the Municipal Councils of Mysore, Bangalore and Chickmagalur and also the District Board and the Malnad Improvement Committee, Shimoga and obtain their opinions in regard to the proposals ~~underlying~~ and submit the same to Govt with your remarks. ~~& also for what~~ The source from which the cost of the scheme is to be met may also be intimated.

I have &c

for Secretary to Govt.
General Dept

List of enclosures

Copied by

Examined by

GPB—20,000—10-10-14

No. G.C. 65-4

Gl. 6

2377

San 122-15 sl 8

24)

Office of the Sanitary Commissioner
with the Government of His Highness
the Maharaja of Mysore,

Dated, Bangalore, 11th AUGUST 191

From

M. Srinivasa Rau Esquire., M.A., M.D., B. SC., (Edin)
D. P. H., (Cantab) & F. C. S., (London.)
Sanitary Commissioner with the Government of His Highness the Maharaja of Mysore, Bangalore.

D. M. Narasinga Rau, Esquire., B. A., B. L.,

Secretary to the Government of His Highness the Maharaja of Mysore, GENERAL *Department,*
BANGALORE.

Sir,

I have the honor to state that as desired in your letter No. 6026 San 122-15-7 dated the 1st May 1917, a copy of the memorandum on the proposed sanitary survey of certain selected areas was forwarded to each of the Municipal Councils of Mysore, Bangalore and Chickmagalur and also the District Board and the Malnad Improvement Committee, Shimoga. Enclosed I beg to submit copies of resolutions received from the President concerned. The Municipal Council of Bangalore City are of opinion that a Sanitary Survey of the nature proposed would perhaps be a useful measure but they regret their inability to bear any portion of the expenditure connected therewith. The Municipal Council of Mysore City agree that the proposals erumerated in the memorandum are desirable but express no opinion as to their preparedness to meet the entire, or any portion of the cost involved. In the case of the Chickmagalur town, the present state of the finances are stated to be such as not to permit of a costly survey being undertaken at the expense of the Municipality.

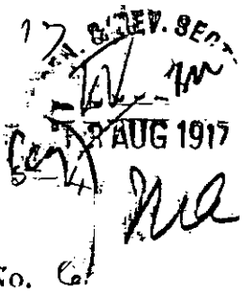
From

The Sanitary Commissioner
in Mysore, Bangalore.

To

The Secretary to the Government
of H. H. the Maharaja of Mysore,
Gen. *Department*
Bangalore.

Dated
Despatched 11 Aug 17
Received
General No. G. C. 65-4
No.



Enclosure No. 6

SUBJECT.

Submitting copies of the resolutions of certain local bodies, on the subject of the sanitary survey of a few typical towns and a village.

The Malnad Improvement Committee, Shimoga District, have resolved that the cost of conducting the survey in the Gajanur village be debited to the Malnad Improvement funds.

2. In the light of the views expressed by the Municipal Councils I am of opinion that the survey may, for the present, be confined to the Mysore City and to the Gajnur village in the Shimoga District. Considering that the results of the survey in the Mysore City can reasonably be expected to have a practical bearing on the future lines of activity of the City Improvement Trust - Board, the cost of the survey seems to me to be a legitemate charge on the Trust Board Funds.

I have the honor to be

S I R,

Your most obedient servant,

M Srinivasa Rau

Sanitary Commissioner.

Encl 6 & 8 (1)

Extract of the Proceedings of the District Board @ its meeting held on the 28th day 1917.

× × ×

Subject No. 26.

Read letter No G.C. 177-20 dated the 9th May 1917 from the Secretary Government of Mysore, Bangalore, forwarding a copy of the memorandum dealing with the proposed Sanitary Survey of certain selected places sanctioned in G.O. No 8370-80 dated 122-15-2 dated the 15th day 1916, and requesting to forward the opinion of the Board in regard to the Proposals made therein.

Resolved that the matter be referred to the Rural Improvement Committee.

Sd/ D Subbanna Aiya Dyer
President D.B. Board
Shimoga.

a Copy
Illegible

Secretary
District Municipal
Board Shimoga

Encl 6 Sls.
(2)

Proceedings of the Sixth meeting of the Malnad Improvement Committee of Shimoga held on the 24th May 1917

x x x

Subject No 22.

Letter No. QC 177-20 dated the 9th May 1917 from the Sanitary Commissioner to Mysore requesting to forward the opinion of the Malnad Improvement Committee in the matter of proposals for conducting a Sanitary Survey of Gajanur Village.

Also Memo. No. QC 1650 dated the 23rd May 1917, from the Presidency District Board, Shimoga forwarding copy of the above letter.

Resolved that the cost be metered of the Malnad Improvement Funds.

Sd/- K Appanna Gowda,
Secretary M.I.C.,
Shimoga

Sd/- A. Subbanna Gowda
Deputy Commissioner &
Chairman
M. I. C. Shimoga

Copy

[illegible]
for Deputy Commissioner
& Chairman
M. I. C. Shimoga

Encl (3) 8x18

Proceedings of an Ordinary General Meeting of the City Municipal Council, Bangalore, held in the Council Chamber, City Municipal Office on Saturday the 7th July 1917.

---

1. Letter No. G.C. 177-20 dated the 9th May 1917 from the Sanitary Commissioner in Mysore forwarding a copy of a memorandum dealing with the Sanitary Survey of certain selected places and calling for the opinion of the Municipal Council in regard to the proposals contained in the said memorandum.

Resolution.- The Council are of opinion that a Sanitary Survey of the nature proposed would perhaps be a useful measure; but they regret their inability to bear any portion of the expenditure connected therewith.

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* C O P Y *

For Hon: President.

Encl 68?
(4)

29)

Proceedings of the 21st (Ordinary) meeting of the Municipal Councillors for the City of Mysore held in the Rangacharlu Memorial Hall at 8 A.M. on Saturday the 2nd June 1917.

Present.

1. T.C. Lukshmana Rao, Esq., L.C.E., President.,
2. C. Narayana Rao, Esquire., B.A., B.L., Vice-President.,
3. A.K.Pani, Esq.,D.P.H. etc., Health Officer., Mysore City.
4. The Amildar, Mysore Taluk.,
5. Mahamad Jaffer Sahib, Esquire.,
6. Rao Bahadur M.C.Rangaiengar, Esquire., B.A.,
7. [illegible] Dharamaprakasha Sanumiah,Esq.,
8. Lokasevaniratha Amble Annish Pandit,Esquire.,
9. H.Seetharamiah,Esq.,
10. H.Anantharajiah,Esq.,
11. Mahomed Sait, Esquire.,
12. Madappa, Esq.,
13. C. Nanjappa, Esq., B.A.,
14. H.Sreekantiah,Esq.,

Absent.

1. T.N.Siddappa, Esq.,
2. V.Thiruvengadamodliar,Esq.,
3. Ganavisareda Sangeeta Vidwan Bidarada Krishnappa, Esq.,
4. H.Venkatakrishnaiha,Esquire.,
5. Rajakaryaprasakatha B.Ramakrishna Rao,Esq., Palace Controller.,
6. Rev. H.Culliford.,

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x x x

XXIII. Health Committee's resolution forwarding a copy of the memorandum on the proposed Sanitary Survey for the opinion of the Council.

Resolved that the proposals ennumerated in the memo are desirable.

x x x

Sd/- T. Lukshmana Rao,
President.

"COPY"

T Lukshmana Rao

MRV. President.

14/6.

Encl 6 Sl 8. (5)

Proceedings of the sixth meeting of the Malnad Improvement Committee of Shimoga held on the 24th day of May 1917.

X — — — X — — — X — — —

XXII. Letter No. G.C. 177-20 dated 9th May 1917 from the Sanitary Commissioner in Mysore requesting to forward the opinion of the Malnad Improvement Committee in the matter of proposals for conducting a Sanitary Survey of Gajanur village.

Also memo No. O.C. 1650 dated 23rd May 1917 from the President, District and Municipal Boards forwarding copy of the above letter.

Resolved that the cost be met out of the Malnad Improvement funds.

Sd/ S.N. Appanna Iyengar,
Secretary, M.I.C.,
Shimoga.

Sd/ A. Subramanya Iyer,
Deputy Commissioner & Chairman,
Malnad Improvement Committee.

"Extract"

Deputy Commissioner & Chairman,
Malnad Improvement Committee,
Shimoga District.

Encl 6 SL 8 (6)

Proceedings of the meeting of the Chikmagalur Town Municipal Council convened on Thursday the 31st May 1917.

x x x x x x x x x x

Read:- Sanitary Commissioner's letter No. G.C. 177-20 dated 9th May 1917, regarding the Sanitary Survey of selected places.

Resolution:- Resolved that the present state of finances of this Municipality does not permit of a costly survey being undertaken at their expenses.

x x x x x x x x x x x

Sd./- B. Ramaswamaiah,

President,

Municipal Council.

" Copy. "

President,

Municipal Council.

L 27.8

B

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to 375

Section
File No. 122/15-
Serial No. 9

GENERAL AND REVENUE SECRETARIAT,
(Survey)
, the 191

No. 1343
Sam 122-15-9
28.8.17

Date of issue 28-8-17

To

Signed by Mrs. D. Kesava Iyer

The Survey Commissioner

with reference to Correspondence ending with your letter No. S. C. 65-4 dated the 11th August 1917, forwarding copies of resolutions of certain local bodies regarding the proposed Survey of certain selected areas and suggesting that in view of the resolutions passed in the survey, for the present, may be confined to the Jayanagar city

over.

Cancelled 27/8

331

and to the Japanese village in the Shimoga District, I am directed to ~~state~~ point out that none of the Local Bodies are willing to ~~bear~~ bear the cost of the Survey, except ~~in the Japanese village as the Malnad~~ Improvement Committee, Shimoga District, who have agreed to meet the cost out of their ~~Local Improvement~~ funds and to conduct the Survey in Japanese village

2 The said Committee may accordingly be asked to Conduct the Survey in Consultation with you.

I have &c

MK 25/8

for Secretary to Govt

General Dept

Item 1346 Sam 122-15-9-28-8-17.

to the Dy Commr & Chairman, Dist Committee, Shimoga District.

List of enclosure

Copies by

Examined by

by order

MK 25/8

for Secretary

WD 86—GPB—60,000—15-11-16